

TOILET ODOR BLOCKING SYSTEM, METHODE OF USE WITH WATER INLINE
T ADAPTER AND BIDET
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CLAIM

What I claim as my invention is the TOILET ODOR BLOCKING SYSTEM, METHODE
OF USE WITH WATER IN-LINE T ADAPTER AND TOILET BIDET

1. A low cost toilet odor blocking bubbler system using air pump, liquid soap and water to create a continuous stream of bubbles to cover the human waste to prevent odor from escaping from the toilet bowl, a dual function bubble dispenser / bidet adapter which functions as a bubbler with low volume and bidet with high water volume, water in-line T adapter with male / female bullock threading creating an extra convenient water source at the toilet tank valve connecting to it, comprising of :

(a) an air pump having at least two outlets providing sufficient pressure to be able to force out liquid soap from a refillable, closable bottle with means of threaded capping screws; one air channel via a check valve and adjustable volume control / volume limiter which enters into a mixing tube to be mixed with water;

(b) second air channel via a check valve, volume control connecting to the bubble dispenser adapter to provide ample amount of air to be able to create a continuous stream of bubbles from at least 5-10 pin hole outputs located under the toilet bowl's rim or attached to the bottom of the toilet lid;

(c) an L shaped bracket attached to the toilet lid screws, lower side extending under the tank for supporting the needle valve, mixing tube, on /off switch.

2. A bubbler / bidet adapter made out of flexible PVC hose or similar capable of barbed connection, attached to the toilet bowl under the rim with stainless steel or with adjustable plastic clamps or to the bottom of the toilet lid, said bubbler / bidet adapter having small shower head functioning as a bidet for washing private parts;

(a) said bubbler system is capable of switching from bubbler mode to bidet mode only by increasing water pressure, therefore most of the water leaves at the bidet shower head with slightly soapy water becomes beneficial for better hygiene, than turns to more rinsing, clean water with the ability to turn off the air-pump with that the soap;

(b) said bubbler / bidet adapter with higher water pressure becomes a toilet bidet as uninterrupted water flowing from the needle valve, bidet shower having a larger water carrying capacity allows 90 % of the water volume to exit at the bidet head since bubbler holes are pin sized, in bubbler mode soapy water volume is low;

(c) the position of the said bidet shower head is somewhat higher in relation to the rest of the bubbler /bidet adapter, therefore the slow volume soapy water with air pressure can create rich an continuous bubbles on the bottom of the bubbler / bidet adapter;

(d) said bubbler / bidet adapter having a timed water source from a diverted bowl filling line from the top of the toilet tank valve via an adjustable volume control;

(e) a preferably plastic fluid container at least a 12 oz. ½ liter capacity with a cover to be located next to the toilet tank or hanging inside the under the tank cover holding liquid soap or bubble bath concentrate mixture;

(f) an on / off switch or pressure switch under the toilet seat to activate the air pump;

(g) a sufficient length of flexible $\frac{1}{4}$ diameter plastic tube which inter-connects all of these components as mentioned in claim one, two and three;

(h) a small handle controlled tilt-able bidet head at the rear of the toilet bowl supported by a bracket by the toilet lid screws, spring tension holding it in a lower, normal position;

3. An inline water T coupler having a captive female bullock type threading capable of fitting to the toilet valve with a washer, having a bullock type (toilet valve) threading on the lower end capable to be fitted with toilet tank hoses with a washer, having a compressure type fitting in the center as an extra outlet for bidet, odor blocking bubbler or for any other bathroom water requirements.